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INDEX TO AMERICAN BOTANICAL LITERATURE

(1904)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material ; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omission their kindness will be appreciated.

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Allen, C. E. Chromosome reduction in *Lilium canadense*. Bot. Gaz. 37: 464-470. 20 Je 1904.

Bailey, L. H. Plant breeding : being five lectures upon the amelioration of domestic plants. Ed. 3. i-xiii. 1-334. New York, 1904. [Illust.]

Bailey, W. W. Wild roses. Am. Bot. 6: 61, 62. [My] 1904.

Barrett, O. W. The lleren: a rare root crop. [*Calathea Allouya*.] Plant World, 7: 150, 151. Je 1904.

Berry, E. W. Teratology of seedling beans. Torrey, 4: 92. 8 Je 1904. [Illust.]

Britton, E. G. Extremes meet. Plant World, 7: 97-99. Ap 1904. Notes from southern Florida.

Britton, N. L. *Scirpus coloradoensis* sp. nov. Torrey, 4: 93. 8 Je 1904.

Britton, N. L. *Viburnum molle* Michx. Torrey, 4: 69. 13 My 1904.

Bush, B. F. The genus *Othake* Raf. Trans. Acad. Sci. St. Louis, 14: 171-180. 8 Je 1904.

A segregate of *Polypteris* ; two new species are described.

- Campbell, D. H.** Resistance of drought by liverworts. *Torrey*, 4: 81-86. 8 Je 1904.
- Chrysler, M. A.** Anatomical notes on certain strand plants. *Bot. Gaz.* 37: 461-464. 20 Je 1904.
- Clements, F. E.** The development and structure of vegetation. *Bot. Surv. Nebraska*, 7: 3-175. 1 Ap 1904.
- Cook, O. F.** The nomenclature of the royal palms. *Bull. Torrey Club*, 31: 349-355. 24 Je 1904.
A new monotypic genus, *Plectis*, from Guatemala, is described.
- Coville, F. V. & MacDougal, D. T.** The Desert Botanical Laboratory of the Carnegie Institution. i-vi. 1-58. *pl.* 1-29 + *f.* 1-4. Washington, "N 1903." [Ja 1904.]
Carnegie Inst. Publ. No. 6.
- Duvel, J. W. T.** The vitality and germination of seeds. *U. S. Dept. Agr. Plant Ind. Bull.* 58: 1-96. *f.* 1, 2. 28 My 1904.
- Eastwood, A.** Some new species of western *Polemoniaceae*. *Bot. Gaz.* 37: 437-447. 20 Je 1904.
New species in *Polemonium* (8), *Linanthus* (2), *Navarretia* (2) and *Gilia* (2).
- Eggleston, W. W.** A canoe trip on the St. Francis River, northern Maine. *Torrey*, 4: 65-68. 13 My 1904.
- Grout, A. J.** Mosses with hand-lens and microscope. 2: 87-166. *pl.* 11-35 + *f.* 36-76. New York, My 1904.
- Hemmendorff, E.** Ueber die vegetative Vermehrung in der floralen Region bei *Epidendrum elongatum* Jacq. *Ark. Bot.* 1: 515-520. *pl.* 29, 30. 17 F 1904.
- Hus, H. T. A.** The work of Hugo de Vries. *Sunset Magazine*, 13: 39-42. *portr.* My 1904.
- Kearney, T. H.** Are plants of sea beaches and dunes true halophytes? *Bot. Gaz.* 37: 424-436. 20 Je 1904.
- Kobbé, F. W.** Notes on the local flora. *Torrey*, 4: 68, 69. 13 My 1904.
- Lloyd, F. E.** The pollen tube in the *Cucurbitaceae* and *Rubiaceae*. *Torrey*, 4: 86-91. 8 Je 1904.
- MacDougal, D. T.** Improving vegetable edibility. *The Twentieth Century Home*, 1⁵: 66, 67. Je 1904. [Illust.]
- Malme, G. O. A.** Beiträge zur Kenntnis der südamerikanischen Aristolochiaceen. *Ark. Bot.* 1: 521-551. *pl.* 31-33. 5 Mr 1904.
- Masters, M. T.** A general view of the genus *Pinus*. *Jour. Linn. Soc. Bot.* 35: 560-659. *pl.* 20-23. 5 My 1904.

- Morris, E. L.** The bush morning-glory. [*Ipomoea leptophylla* Torr.]
Plant World, 7: 111-113. *pl.* 5, 6. My 1904.
- Murrill, W. A.** The *Polyporaceae* of North America — VII. The
genera *Hexagona*, *Grifola*, *Romellia*, *Coltricia* and *Coltriciella*.
Bull. Torrey Club, 31: 325-348. 24 Je 1904.
Romellia and *Coltriciella* are new genera.
- Nehrling, H.** The beginning of spring in Florida. Plant World, 7:
93-96. Ap 1904; — II. Plant World, 7: 118-122. My 1904;
— III. Plant World, 7: 137-140. Je 1904.
- Osterhout, G. E.** Notes on Colorado plants. Bull. Torrey Club, 31:
357, 358. 24 Je 1904. [Illust.]
Includes new species in *Arabis* and *Aulospermum*.
- Pierce, G. J.** Notes on the Monterey pine. Bot. Gaz. 37: 448-455.
f. 1-5. 20 Je 1904.
- Peirre, L. & Urban, I.** *Sapotaceae*. Symb. Antill. 5: 95-176. 20
My 1904. [Illust.]
An enumeration of the Antillean and many South American species, with descrip-
tions of 34 new species in 8 genera.
- Plowman, A. B.** The celloidin method with hard tissues. Bot. Gaz.
37: 456-461. 20 Je 1904.
- Putnam, B. L.** In Pennsylvania woodlands. Am. Bot. 6: 62, 63.
[My] 1904.
- Rolfs, P. H.** Wither-tip and other diseases of citrous trees and fruits
caused by *Colletotrichum gloeosporoides*. U. S. Dept. Agr. Plant
Ind. Bull. 52: 1-22. *pl.* 1-6 + *f.* 1. 3 Mr 1904.
- Safford, W. E.** Extracts from the note-book of a naturalist on the
island of Guam. — XVII. Plant World, 7: 81-87. Ap 1904; —
XVIII. Plant World, 7: 113-118. My 1904; — XIX. Plant
World, 7: 141-146. Je 1904.
- Salmon, E. S.** A revision of some species of *Ectropothecium*. Bull.
Torrey Club, 31: 309-324. *pl.* 13, 14. 24 Je 1904.
- Schulz, O. E.** *Smilax* Linn. Symb. Antill. 5: 17-47. 20 My 1904.
A monograph of the Antillean species, of which 21 are recognized.
- Scofield, C. S.** The glumes of "beardless" barley. Plant World, 7:
146-149. *pl.* 8. Je 1904.
- Smith, A. M.** Corrected and enlarged list of plants found on the
Adirondack League Club tract. Adirondack League Club [Year
Book], 1904: 43-61. [1904.]
- Smith, E. F. & Swingle, D. B.** The dry rot of potatoes due to
Fusarium oxysporum. U. S. Dept. Agr. Plant Ind. Bull. 55: 1-64.
pl. 1-8 + *f.* 1. 16 F 1904.

- Smith, J. D.** Undescribed plants from Guatemala and other Central American republics, XXVI. Bot. Gaz. **37**: 417-423. 20 Je 1904.
Descriptions of 13 new species and varieties in 9 genera.
- Swingle, W. T.** The date palm and its utilization in the southwestern states. U. S. Dept. Agr. Plant Ind. Bull. **53**: 1-155. *pl.* 1-22 + *f.* 1-8. 28 Ap 1904.
- Thaxter, R.** Notes on the *Myxobacteriaceae*. Bot. Gaz. **37**: 405-416. *pl.* 26, 27. 20 Je 1904.
Includes descriptions of 8 new species in 3 genera.
- Townsend, C. O.** A soft rot of the calla lily. U. S. Dept. Agr. Plant Ind. Bull. **60**: 1-47. *pl.* 1-9 + *f.* 1-7. 30 Je 1904.
- Underwood, L. M.** *Ceropteris triangularis* in Alaska. Fern Bull. **12**: 58. [My] 1904.
- Urban, I.** Bibliographia Indiae occidentalis botanica. Continuatio III. Symb. Antill. **5**: 1-16. 20 My 1904.
- Urban, I.** *Celastraceae*. Symb. Antill. **5**: 48-94. 20 My 1904.
A monograph of the Antillean representatives of this family, of which 9 genera and 38 species are recognized; there are new species in *Celastrus*, *Maytenus* (8), *Rhacoma* (3), *Tetrasiphon* gen. nov., *Schaefferia* (2) and *Elaeodendron*.
- Van Tieghem, P.** Sur les faisceaux médullaires de la tige et du pédoncle floral des Godoyées. Jour. de Bot. **18**: 43-64. F 1904.
- Watterson, A.** The effect of chemical irritation on the respiration of fungi. Bull. Torrey Club, **31**: 291-303. 18 My 1904.
- Wiegand, K. M.** Analytical key to the families of angiosperms. xi-xxiv. 1904.
Prepared for use as pages xi-xxiv of Britton's Manual.
- Worsley, A.** Notes on some plants and ferns found about Petropolis (S. Brazil), February and March, 1900. Jour. Roy. Hort. Soc. **28**: 525-532. My 1904.
With a description of *Marica Helenae* sp. nov.
- Zahlbruckner, A.** *Lichenes* a cl. Damazio in montibus Serra do Oure Preto Brasiliae lecti in herb. Barbey-Bossier asservati. Bull. Herb. Boissier, II. **4**: 134-136. 31 Ja 1904.